

Rosenthal, Steven

From: Wagner, Anna on behalf of R5AirEnforcement
Sent: Monday, April 22, 2019 12:37 PM
To: Rosenthal, Steven; Miller, Patrick
Subject: FW: HTC 1Q 2019 CEMS Data Submission
Attachments: HTC Q1 2019 CEMS Data Submission.pdf

FYI

From: Niemi, Tasha M <Tasha.Niemi@clevelandcliffs.com>
Sent: Thursday, April 11, 2019 8:31 AM
To: R5AirEnforcement <R5AirEnforcement@epa.gov>
Cc: Lucas, Julie C <Julie.Lucas@clevelandcliffs.com>; Agenes, Jason D <Jason.Agenes@clevelandcliffs.com>
Subject: HTC 1Q 2019 CEMS Data Submission

Please see the attached report for Hibbing Taconite Company:

Name of the Regulated Party:	Hibbing Taconite Company
Name of Facility Contact:	Julie Lucas
Permit Number :	13700061
Air Quality File Number:	541/Agency Interest ID #1146
List of Reports Submitted:	HTC 1Q 2019 CEMS Data Submission
Date of Submission:	4/11/2019
Where Facility is Located:	Hibbing, St. Louis County, MN

Sincerely,
Tasha Niemi



TASHA NIEMI
Environmental Representative - Plant
P 218.262.6884 tasha.niemi@clevelandcliffs.com

CLEVELAND-CLIFFS INC.
Hibbing Taconite Company
4950 Hwy 5 North, PO Box 589, Hibbing, MN 55746-0589
P 218.262.5950 F 218.262.6877 clevelandcliffs.com

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HIBBING TACONITE COMPANY
Managed by Cliffs Mining Company
4950 County Highway 5 North, P.O. Box 589, Hibbing, MN 55746-0589
P 218.262.5950 clevelandcliffs.com

April 11, 2019

Regional Administrator
Air and Radiation Division
US EPA, Region 5 (A-18J)
77 West Jackson Boulevard
Chicago, IL 60604
R5airenforcement@epa.gov

**Re: Hibbing Taconite Company's Quarter 1, 2019
NO_x and SO₂ CEMS Data Submission
Permit Number 13700061**

To Whom It May Concern:

Hibbing Taconite Company (HTC) is subject to the 2016 Revision to 2013 Taconite Federal Implementation Plan Establishing BART for Taconite Plants (FIP) which requires the installation of Continuous Emission Monitors (CEMS) to monitor nitrogen oxides (NO_x) and sulfur dioxide (SO₂). The final rule came into effect on May 12, 2016. Per 40 CFR 52.1235(b)(1)(ii)(2), HTC is required to submit CEMS data to the Environmental Protection Agency, which is attached.

Please contact Julie Lucas at (218) 262-6856 or julie.lucas@clevelandcliffs.com if you have any questions regarding this report.

I certify, based on the information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Sincerely,


Edward LaTendresse
General Manager

Cc: Julie Lucas, HTC
Jason Aagenes, Cleveland Cliffs

Quarterly Data Submittal - Federal Implementation Plan for Regional Haze

Required by 40 CFR 52.1235(b)(1)(ii)

Reporting Period: **January 1, 2019 - March 31, 2019**

Company: **Hibbing Taconite Company**
4950 County Highway 5 North
PO Box 589
Hibbing, MN 55746-0589

NOX lb/mmBTU 30 day average			
Date:	Line 1 EU020	Line 2 EU021	Line 3 EU022
1/1/2019	1.3	2.7	4.0
1/2/2019	1.3	2.7	4.0
1/3/2019	1.4	2.7	4.0
1/4/2019	1.4	2.8	3.9
1/5/2019	1.4	2.9	3.9
1/6/2019	1.4	3.0	4.0
1/7/2019	1.4	3.0	4.0
1/8/2019	1.4	3.0	4.1
1/9/2019	1.4	3.0	4.1
1/10/2019	1.4	3.0	4.1
1/11/2019	1.4	3.0	4.2
1/12/2019	1.4	3.0	4.2
1/13/2019	1.4	3.0	4.3
1/14/2019	1.4	3.0	4.3
1/15/2019	1.4	3.0	4.3
1/16/2019	1.4	3.0	4.4
1/17/2019	1.4	3.0	4.4
1/18/2019	1.4	3.0	4.4
1/19/2019	1.4	3.0	4.4
1/20/2019	1.4	3.0	4.5
1/21/2019	1.4	2.9	4.6
1/22/2019	1.4	2.8	4.6
1/23/2019	1.4	2.7	4.7
1/24/2019	1.4	2.6	4.7
1/25/2019	1.4	2.6	4.8
1/26/2019	1.4	2.6	4.8
1/27/2019	1.4	2.6	4.8
1/28/2019	1.4	2.6	4.8
1/29/2019	1.4	2.6	4.9
1/30/2019	1.4	2.6	4.8
1/31/2019	1.4	2.6	4.8
2/1/2019	1.4	2.6	4.9

NOX lb/mmBTU 30 day average			
Date:	Line 1 EU020	Line 2 EU021	Line 3 EU022
2/2/2019	1.4	2.6	4.9
2/3/2019	1.4	2.7	5.0
2/4/2019	1.4	2.7	5.0
2/5/2019	1.4	2.7	5.0
2/6/2019	1.4	2.7	5.0
2/7/2019	1.4	2.7	5.0
2/8/2019	1.4	2.7	5.0
2/9/2019	1.4	2.8	5.0
2/10/2019	1.4	2.8	5.1
2/11/2019	1.4	2.9	5.1
2/12/2019	1.4	2.9	5.1
2/13/2019	1.4	3.0	5.1
2/14/2019	1.4	3.0	5.1
2/15/2019	1.4	3.1	5.2
2/16/2019	1.4	3.1	5.2
2/17/2019	1.4	3.1	5.2
2/18/2019	1.4	3.1	5.3
2/19/2019	1.4	3.2	5.3
2/20/2019	1.4	3.3	5.3
2/21/2019	1.4	3.5	5.3
2/22/2019	1.4	3.6	5.3
2/23/2019	1.4	3.7	5.3
2/24/2019	1.4	3.7	5.3
2/25/2019	1.3	3.8	5.3
2/26/2019	1.3	3.8	5.4
2/27/2019	1.3	3.9	5.4
2/28/2019	1.3	3.9	5.4
3/1/2019	1.3	3.9	5.4
3/2/2019	1.3	4.0	5.4
3/3/2019	1.3	4.0	5.4
3/4/2019	1.3	4.0	5.4
3/5/2019	1.3	4.0	5.4
3/6/2019	1.3	4.0	5.2
3/7/2019	1.3	3.9	5.1
3/8/2019	1.3	4.0	5.0
3/9/2019	1.3	4.0	4.9
3/10/2019	1.3	3.9	4.7
3/11/2019	1.3	3.9	4.5
3/12/2019	1.3	3.9	4.4
3/13/2019	*NA	3.9	4.3
3/14/2019	*NA	3.9	4.2
3/15/2019	*NA	3.9	4.1
3/16/2019	*NA	3.9	4.0

NOX lb/mmBTU 30 day average			
Date:	Line 1 EU020	Line 2 EU021	Line 3 EU022
3/17/2019	*NA	3.9	3.9
3/18/2019	*NA	3.9	3.8
3/19/2019	*NA	3.8	3.8
3/20/2019	*NA	3.9	3.7
3/21/2019	*NA	3.8	3.6
3/22/2019	*NA	3.7	3.5
3/23/2019	*NA	3.7	3.4
3/24/2019	*NA	3.7	3.3
3/25/2019	*NA	3.6	3.2
3/26/2019	*NA	3.6	3.1
3/27/2019	*NA	3.6	3.0
3/28/2019	*NA	3.5	2.9
3/29/2019	*NA	3.5	2.8
3/30/2019	*NA	3.5	2.7
3/31/2019	*NA	3.5	2.7

*NA- Not applicable, data not required

Quarterly Data Submittal - Federal Implementation Plan for Regional Haze

Required by 40 CFR 52.1235(b)(1)(ii)

Reporting Period: January 1, 2019 - March 31, 2019

Company: Hibbing Taconite Company
4950 County Highway 5 North
PO Box 589
Hibbing, MN 55746-0589

Plant Total SO2 lbs/hr 30 day average	
Date:	EU020-EU022
1/1/2019	204.8
1/2/2019	207.1
1/3/2019	213.5
1/4/2019	216.8
1/5/2019	222.2
1/6/2019	225.4
1/7/2019	224.6
1/8/2019	224.1
1/9/2019	222.9
1/10/2019	220.8
1/11/2019	219.4
1/12/2019	217.5
1/13/2019	214.2
1/14/2019	209.7
1/15/2019	207.1
1/16/2019	205.5
1/17/2019	203.1
1/18/2019	198.6
1/19/2019	194.8
1/20/2019	195.6
1/21/2019	192.3
1/22/2019	188.9
1/23/2019	185.6
1/24/2019	183.4
1/25/2019	181.6
1/26/2019	179.3
1/27/2019	175.7
1/28/2019	173.7
1/29/2019	171.7
1/30/2019	167.3
1/31/2019	165.7
2/1/2019	163.8
2/2/2019	162.0

Plant Total SO2 lbs/hr 30 day average	
Date:	EU020-EU022
2/3/2019	163.6
2/4/2019	161.1
2/5/2019	160.6
2/6/2019	160.6
2/7/2019	160.6
2/8/2019	161.2
2/9/2019	162.7
2/10/2019	163.2
2/11/2019	163.2
2/12/2019	164.3
2/13/2019	165.7
2/14/2019	166.5
2/15/2019	166.2
2/16/2019	165.8
2/17/2019	165.5
2/18/2019	166.2
2/19/2019	166.0
2/20/2019	165.7
2/21/2019	164.8
2/22/2019	164.2
2/23/2019	162.7
2/24/2019	160.0
2/25/2019	157.4
2/26/2019	157.2
2/27/2019	156.7
2/28/2019	156.6
3/1/2019	158.8
3/2/2019	161.2
3/3/2019	163.2
3/4/2019	163.6
3/5/2019	161.1
3/6/2019	157.4
3/7/2019	155.0
3/8/2019	154.3
3/9/2019	152.1
3/10/2019	149.1
3/11/2019	148.5
3/12/2019	147.2
3/13/2019	147.8
3/14/2019	149.7
3/15/2019	151.3
3/16/2019	152.9
3/17/2019	154.6

Plant Total SO2 lbs/hr 30 day average	
Date:	EU020-EU022
3/18/2019	156.8
3/19/2019	158.9
3/20/2019	158.7
3/21/2019	156.5
3/22/2019	156.6
3/23/2019	157.7
3/24/2019	157.9
3/25/2019	157.8
3/26/2019	157.3
3/27/2019	157.6
3/28/2019	158.5
3/29/2019	158.8
3/30/2019	158.7
3/31/2019	158.5